

Updates in CARB Pollution Mapping Tool Version 1.1

CARB has released an updated version of the Pollution Mapping Tool (formerly known as the Integrated Emissions Visualization Tool). Major changes in this version of the tool include:

- Greenhouse gas (GHG) and criteria pollutant emissions data for 2015
- Updated facility information and criteria pollutant emissions data
- California geologic basins map layer
- Oil and gas fields map layer
- Enhanced markers and location details for oil and gas production operations
- CalEnviroScreen 3.0 layer
- Improved functionality

More detailed information on these updates is provided below.

2015 Emissions Data

Version 1.1 of the tool includes GHG and criteria pollutant emissions data for 2015 that were not yet available when the original tool was released at the end of 2016. The tool includes emissions data for California facilities that are subject to CARB's Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (MRR), which requires facilities emitting 10,000 metric tons or more of CO₂ equivalent emissions to report annually. This update includes emissions for an additional 16 facilities newly identified by CARB as required to report under MRR.

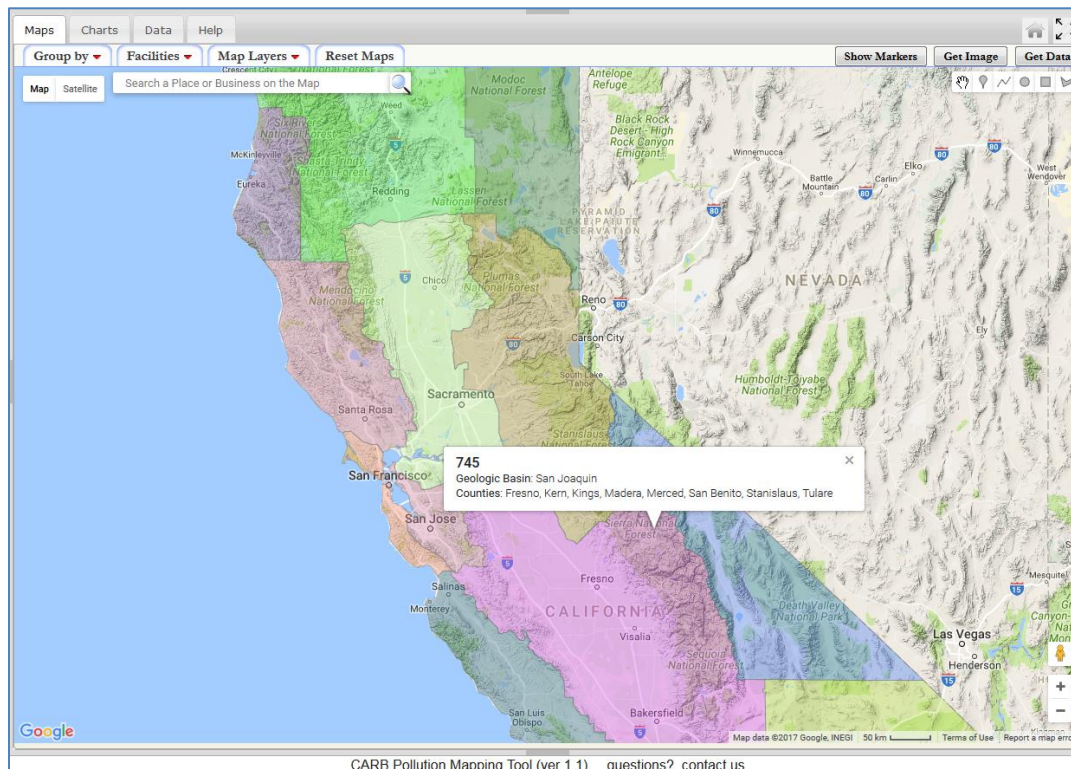
Special note about ammonia (NH₃) emissions: Ammonia emissions are not included in this version of the tool due to reporting inconsistencies. CARB staff are working with air districts to resolve this issue and hope to include these emissions in the next update.

Updated Facility Information and Criteria Pollutant Emissions Data

Version 1.1 includes updates to the facility crosswalks used to match the facility IDs reported to CARB's GHG and criteria pollutant databases, based on feedback from the local air districts. In addition, the criteria pollutant emissions reflect updates to previous years' data that were submitted by the air districts as part of their quality assurance review of the data presented in the December 2016 version of the tool. The entire criteria pollutant emissions time series for 2008-2015 has been updated to reflect the most recently available data as of May 12, 2017. A list of the changes discussed above is presented in Appendix 1.

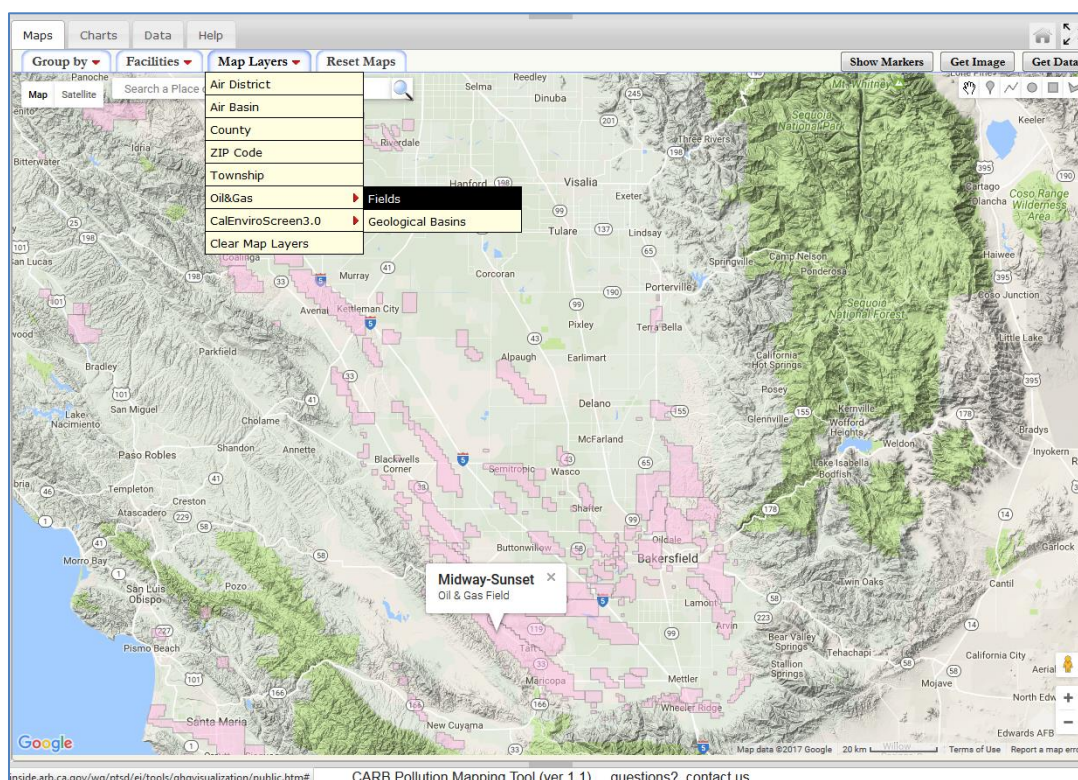
California Geologic Basins Map Layer

MRR requires that onshore petroleum and natural gas production facilities in California aggregate and report their applicable GHG emissions using the geologic province or basin footprint as defined by the American Association of Petroleum Geologists. Version 1.1 of the tool includes a layer of the geologic basins to provide context as to the reporting footprint and basin name of the oil and gas production facilities (note that, in many cases, a basin may contain multiple California counties).



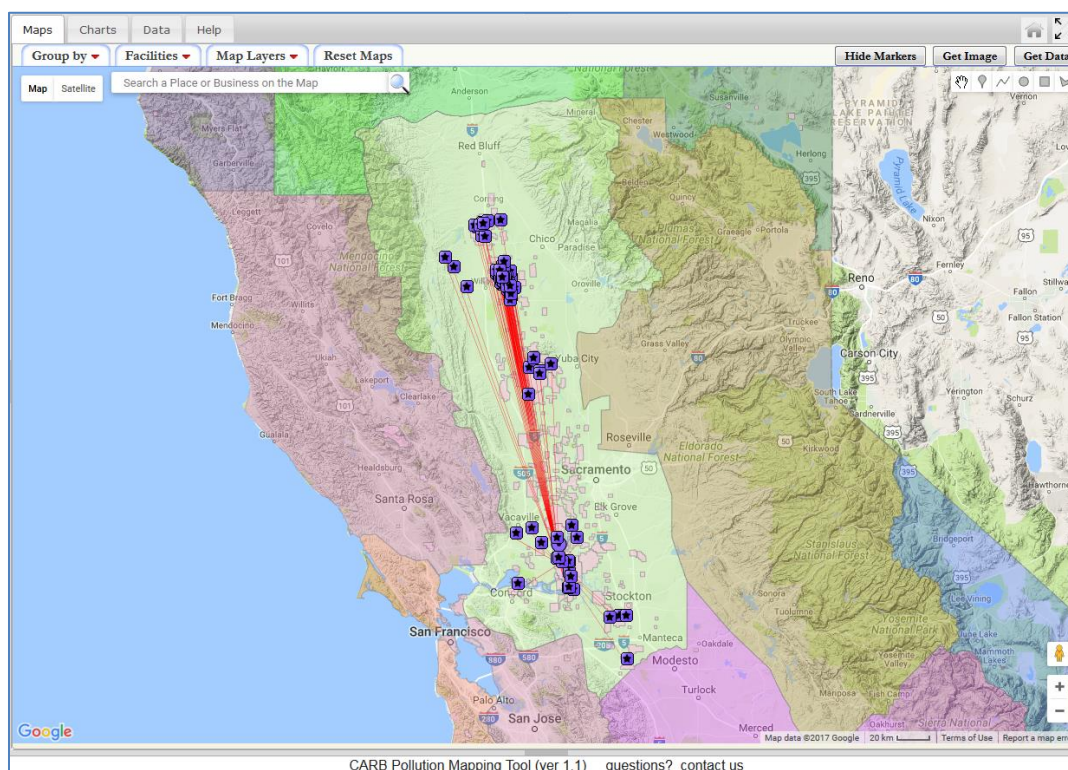
Oil and Gas Fields Map Layer

In addition to the geologic basin map layer, version 1.1 of the tool also includes a layer for oil and gas fields. Local air districts require oil and gas facilities to report criteria pollutants at a more granular level than geologic basin, and facilities are often identified by a lease name, a collection of Township/Range/Sections, or an actual physical facility. The oil and gas fields map layer allows users to see where these types of operations may actually take place within the context of a geologic basin, a county, or any other geographical region.



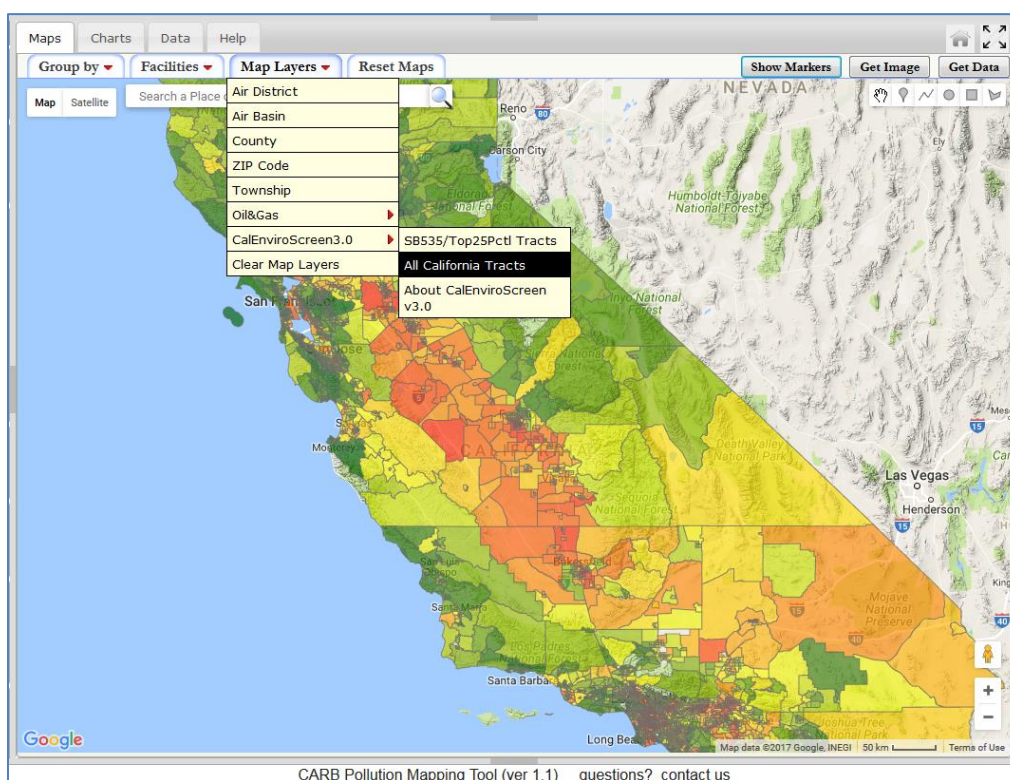
Enhanced Markers and Location Details for Oil and Gas Production Operations

Markers for petroleum and natural gas systems have been updated to differentiate between those reporting aggregated basin-level GHG emissions and those reporting as single-location facilities. Oil and gas production facilities that have multiple sub-facilities within the geological basin are now represented by a purple marker with a dot in the middle (📍), and other petroleum and natural gas systems facilities are represented by a solid purple marker (📍). Furthermore, sub-facilities that report criteria pollutants individually but report GHG emissions at the basin-level are identified with a rectangular marker (📍) that is linked with a line to the oil and gas production facility marker. When users click on an oil and gas production facility, the tool automatically loads the geologic basin and oil-and-gas fields map layers, and creates a view that shows the location of all the individual sub-facilities that report under the aggregated GHG entity. Users can click on the sub-facility marker to see information about the sub-facility along with the criteria pollutant emissions reported in the most recent year.



CalEnviroScreen 3.0 Map Layer

A CalEnviroScreen map layer has been added to help users identify facilities within the context of California's disadvantaged communities. CalEnviroScreen ranks each of the state's 8,000 census tracts using data on 20 indicators of pollution, environmental quality, socioeconomic and public health conditions. Version 1.1 of the Pollution Mapping Tool allows users to load CalEnviroScreen layers of the Top-25 percentile (as defined by SB 535), or all census tracts in the state. Users can also select any census tract and see a summary of the CalEnviroScreen scores and percentiles for each of the various indicators. Clicking on any individual indicator will take the user directly to the relevant section in CalEnviroScreen's documentation.



Improved Functionality

The facility search function has been enhanced to allow searches by any character string contained in the facility name, GHG ID, address, city, ZIP code, or industrial sector. New buttons were added to reset the search criteria, and to hide/show the facility markers. Lastly, the emission summaries for user-defined areas using the shapes ribbon have been updated to include the same tabs as the pre-defined facility summaries.

Appendix 1

**Criteria Pollutant Emission Updates in Version 1.1 of the
CARB Pollution Mapping Tool**

Table 1. Facilities for which criteria pollutant emissions were updated in version 1.1

(Emissions that were revised are highlighted in yellow)

GHGID	FACILITY NAME	YEAR	VOC (tons/year)		NOx (tons/year)		SOx (tons/year)		PM10 (tons/year)		PM2.5 (tons/year)	
			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
100026	DG Fairhaven Power LLC	2013	19.3	19.2	160	159.7	28.2	28.1	31.4	31.2	29.2	29
100051	MM Tajiguas Energy LLC	2010	16.1	13.3	53.9	13.6	5.8	3.1	8.5	5.8	7.8	5
100053	Blue Lake Power	2013	8.5	12.4	75.4	109.6	12.5	18.2	20.1	29.2	18.6	27
100058	Wadham Energy Ltd Partnership	2010	0.6	0.8	125.6	150.9	10.6	10.6	10.3	10.3	5.3	5.3
		2011	0.6	0.6	20.1	192.1	115.9	115.9	14.7	14.7	13.8	13.8
100314	Malburg Generating Station	2009	0	5.3	0.1	23	0	0.9	0	24.7	0	24.4
		2010	0.1	4.5	0.1	20	0	0.8	0	21	0	20.6
		2011	0	4.1	0.2	18.5	0	0.7	0	19.1	0	18.8
		2012	0	4.5	0.1	19.7	0	0.8	0	21.3	0	20.9
		2013	0	4.9	0	21	0	0.8	0	22.3	0	22.1
100328	Civic Center Cogen LA County	2013	0	2	0	17.2	0	2.9	0	9.2	0	7.9
100329	Phillips 66 Company - Los Angeles Refinery - Wilmington Plant	2012	0	242.3	0	498.5	0	128.2	0	96.2	0	91.4
100387	Riverside Public Utilities - Clearwater Facility	2011	0.2	0.2	2.3	0.6	0.3	0	0.7	0.4	0.7	0.4
		2013	0	0.3	0	1	0	0	0	0.7	0	0.7
100392	Riverside Public Utilities - Riverside Energy Resource Center	2013	0	0.7	0	2.7	0	0.1	0	1.6	0	1.6
100895	Berry Petroleum Company - Los Angeles Basin	2013	0	75.5	0	57.2	0	0.9	0	6.3	0	6.3
100913	Phillips 66 Company - Los Angeles Refinery - Carson Plant	2012	0	102.9	0	328.9	0	217.2	0	60.4	0	58.7

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			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
101056	Paramount Petroleum Corporation Refinery	2013	0	34.1	0	28	0	4.4	0	4	0	3.8
101073	TAMCO	2013	0	12.9	0.1	125.8	0	29.4	0	41.1	0	29
101087	City of Roseville - Roseville Power Plant #2	2009	0.2	0.1	2.1	1.1	0	0	0.2	0.1	0.2	0.1
101186	Saputo Cheese USA Inc. - Paige	2008	0.3	3.2	0.8	6.6	0.2	8.2	0.5	13.4	0.5	6.7
		2009	0.3	3.7	0.8	7.5	0.2	9.6	0.6	18	0.6	8.5
		2010	0.3	3.7	1.3	7.5	0.2	9.6	0.5	18	0.5	8.5
		2011	0.3	2.1	1.3	4.6	0.2	4.9	0.5	13.7	0.5	5.7
		2012	0.3	3.4	0.5	7.1	0.2	8.5	16.5	17.5	1.1	8.1
		2013	0.3	2.7	0.5	5.8	0.2	6.7	3.5	17.8	0.6	7.5
		2014	0.3	3.5	0.5	7.5	0.2	8.6	4.3	22.7	0.6	9.7
101192	MAGTFTC MCAGCC Twentynine Palms	2014	87.8	87.8	470.8	470.8	48	48	7223.3	7240.5	789.5	817.7
101211	Calpine - Gillroy Energy Center LLC Yuba City	2008	2.9	0	24.3	0	0.1	0	2.6	0	2.6	0
		2009	1.9	0	20.4	0	0.2	0	1.7	0	1.7	0
		2010	3	0	22.7	0	0.3	0	2.7	0	2.7	0
101218	Disneyland Resort	2013	0	3.4	0	19	0	0.1	0	19.3	0	12.6
101318	Celite Corporation - Lompoc	2010	25.6	16.4	237.4	50.1	87.4	87.4	156.7	156.7	24.3	24.3
101320	Edgington Oil Company	2013	0	4.6	0	0.3	0	0	0	0	0	0
101500	Olam West Coast Inc - Williams	2009	1.1	1.1	7.4	23.9	0.2	0.2	2	2	2	2
		2010	1.1	1.1	7.4	26.1	0.2	0.2	2	2.9	2	2.9
		2013	1.5	1.5	26.5	23.6	0.3	0.3	3.3	3.3	3.3	3.3
		2014	0.1	2.1	22.3	22.3	0	0	0	3.3	0	3.3

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			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
101529	Northern California Power Agency - Geothermal Plant No. 1	2008	1.2	0.1	0	0	0	0	0.7	0.2	0.4	0.1
		2009	0	0.1	0	0	0	0	0	0.2	0	0.1
		2010	0	0.1	0	0	0	0	0	0.2	0	0.1
		2012	0	0.1	0	0	0	0	0	0.2	0	0.1
		2013	0	0.1	0	0	0	0	0	0.2	0	0.1
		2014	0	0.1	0	0	0	0	0	0.2	0	0.1
101536	Morning Star Packing Company - Williams	2009	3.3	3.3	18.4	18.4	0.4	0.4	5	4.8	5	4.8
		2010	3.3	3.2	18.4	41.2	0.4	0.4	5	4.4	5	4.4
		2011	3.3	3.1	15.6	15.6	0.4	0.4	5	4.4	5	4.4
101540	Sierra Pacific Power Company - Kings Beach Generating Facility	2008	0	0	0.6	0.7	0	0	0	0	0	0
101562	PG&E Delevan Compressor Station	2009	2	2	85	85	0.1	0.1	6.4	7.6	6.3	7.5
		2010	2	0.5	85	104.6	0.1	0.1	80.6	4.5	6.3	4.4
101574	Lockheed Martin Aeronautics Company - Palmdale	2014	16.8	16.8	0	6.8	0	0.1	2.5	2.5	2.1	2.1
101701	Air Liquide El Segundo Hydrogen Plant	2008	567.3	12.8	866.9	11.9	429.6	0.9	194.4	2.2	185.2	2.1
		2009	557.4	18.3	641.2	18.8	385.4	0.9	198.4	3.2	188.5	3.1
		2010	551.2	19.5	638.7	15.5	424.5	0.8	186.9	3.4	178.1	3.2
		2011	541.5	14.3	648.6	18.3	379.3	0.9	184.3	3.1	176.8	3
		2012	505.4	14	735	15.6	421.1	1.2	172.7	3.1	162.9	3
		2013	496.9	14.7	703.1	14.4	263.1	0.9	161.5	3.2	151.9	3.1
		2014	496.1	6.4	701.5	16.8	325.6	1.3	189.1	3.6	177.6	3.6
101736	Paramount Farms International LLC	2008	0	0.6	0	11	0	0.3	0	0.9	0	0.8
		2009	0	0.5	0	8	0	0.3	0	7.2	0	1.8

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			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
101738	Energy 2001 Placer WRSL	2011	6.3	6.4	7	9.8	4.6	12.3	10.2	11.7	10.2	11.6
101750	Toland Landfill - Ventura Regional Sanitation District	2008	6.6	4.3	10.1	10.1	3.4	3.4	3.3	3.3	3.3	3.3
		2009	6.4	4.1	8.6	8.6	2.9	2.9	2.8	2.8	2.8	2.8
		2010	5.7	3.4	12.9	12.9	4.1	4.1	2.6	2.6	2.6	2.6
104011	Chevron AAPG 740 Coastal Basin	2011	7.2	7.7	52.4	52.4	27.7	27.7	25.5	25.5	25.5	25.5
		2012	4.6	5.2	70.6	70.6	5.6	5.6	28.3	28.3	28.3	28.3
		2013	4.6	5.1	58.7	58.7	28.1	28.1	27.2	27.2	27.2	27.2
		2014	9.3	9.9	57.5	57.5	29.2	29.2	55.6	55.6	55.6	55.6
104012	Chevron AAPG 745 San Joaquin Basin	2011	1026	1025.5	389.2	389.2	456.9	456.9	479.5	479.5	478.9	478.9
		2012	260.1	259.5	274.4	274.4	92.7	92.7	429	429	428.9	428.9
		2013	286.9	286.3	283	283.1	128.3	128.3	436.3	436.3	436.1	436.1
		2014	318.9	318.3	356.5	356.5	124.1	124.1	563	563	562.9	562.9
104029	California Resources Production Corporation - Sacramento Valley Basin 730	2011	24.7	25.2	288.7	289	0.9	0.9	5.8	5.9	5.7	5.9
		2012	29	29.5	295.9	296.2	0.9	0.9	5.8	5.9	5.8	5.9
		2013	31.3	31.5	272.2	272.3	0.9	0.9	5.6	5.7	5.6	5.7
		2014	28	28.1	233.1	233.1	0.9	0.9	5.7	5.8	5.7	5.8
104030	California Resources Production Corporation - San Joaquin Valley Basin 745	2011	48.8	48.3	57.5	57.2	12.6	12.5	25.2	25	25.2	25
		2012	58.5	58	65.6	65.3	14	14	28.5	28.4	28.5	28.4
		2013	64.4	64.3	69.6	69.6	15.3	15.3	30.2	30.1	30.2	30.1
		2014	83	82.9	86.6	86.5	22.9	22.9	41.2	41.1	41.2	41.1
104075	BreitBurn Operating LP - Los Angeles Basin Facility	2013	23.8	38.8	9.8	24	0	0.1	0.5	1.2	0.5	1.2

GHGID	FACILITY NAME	YEAR	VOC (tons/year)		NOx (tons/year)		SOx (tons/year)		PM10 (tons/year)		PM2.5 (tons/year)	
			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
104077	BWP/MPP Electricity Generating Facilities at 164 W. Magnolia	2011	0.5	9.5	3.8	23.2	0.1	2.1	5.7	18.2	4.1	17.7
		2012	0.3	10.4	2.9	27.8	0	0.4	4.6	8.9	2.9	7.4
		2013	0.1	8.5	1.6	23.4	0	0.4	1.5	6	0.9	5.3
		2014	0.5	4.7	1.4	8.8	0	0.1	0.1	9.1	0.1	7.9
104079	El Cajon Energy LLC	2012	0.1	0.1	1.1	1.9	0.1	0.1	2.1	0.7	2.1	0.7
		2013	0.1	0.1	1.1	1.9	0.1	0.1	2.1	0.7	2.1	0.7
		2014	0.1	0.1	1.1	1.9	0.1	0.1	2.1	0.7	2.1	0.7
104090	Signal Hill Petroleum Facilities	2011	18.7	34.3	0	4.1	0	0.2	0	1.4	0	1.4
		2012	19.2	35.9	0	3.7	0	0.2	0	1.5	0	1.5
		2014	11.4	22.6	0.7	7.1	0	0.2	0.2	1.7	0.2	1.7
104215	E&B Natural Resources - San Joaquin Valley	2012	76.3	6.5	4.8	4.5	0.6	0.6	1.5	1.4	1.5	1.4
		2013	87.1	6.7	3.7	3.4	2.3	2.3	2.4	2.4	2.4	2.4
		2014	59.3	9.8	8.5	7.8	4.9	4.8	5.4	5.2	5.4	5.2
104218	Walnut Creek Energy LLC (opt-in 2014)	2013	0	0.9	0	37.8	0	1	0	1.9	0	1.8
104219	CPV Sentinel Energy Center (opt-in 2014)	2013	0	1.3	0	20.6	0	1.1	0	3.9	0	3.9
104363	Weber Metals	2013	0	6.1	0	16.4	0	0.1	0	6	0	4.1
104377	Huntington Memorial Hospital	2013	0	2.7	0	2.8	0	0.1	0	1	0	1
104413	Venoco Inc. - SB Channel (Onshore)	2012	5.8	87.3	0	4.1	0	4.7	0	1.3	0	1.3
		2013	5.8	82.8	0	2.5	0	2.7	0	1	0	1
		2014	5.8	87.5	0	2.7	0	2.6	0	0.9	0	0.9
104449	Sierra Pacific Industries (SPI) - Arcata	2013	2.9	2.5	17.3	11.9	2	1.4	16.1	12.6	14.1	10.8

Table 2. Facilities which were missing criteria pollutant emissions in a given year in version 1.0

GHGID	FACILITY NAME	YEAR	VOC (tons/year)		NOx (tons/year)		SOx (tons/year)		PM10 (tons/year)		PM2.5 (tons/year)	
			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
100001	ACE Cogeneration	2011		3.8		326.5		224		52		29.2
100002	Tesoro Los Angeles Refinery - Wilmington Calciner	2013		3.5		188.3		277.9		17.8		10
		2014		3.6		210		322.8		19.6		10.7
100040	Eel River Power LLC	2008		33.1		228.2		30.5		29.9		27.7
100053	Blue Lake Power	2014		11.2		99.2		16.5		26.4		24.5
100192	PG&E Humboldt Bay Generating Station	2011		5.8		24.6		0.4		3.1		3.1
		2012		7.9		15.3		0.3		9.2		9.2
		2013		4.2		17.7		0.3		2.3		2.3
100195	New-Indy Ontario LLC Linerboard Mill	2014		50		173.7		1.3		18.2		16.9
100303	Phillips 66 Company - San Francisco Refinery	2011		160.2		309.7		393.2		57.8		55.2
		2012		165.2		310		393.6		59.3		56.6
		2013		280.2		266.5		408.8		52.3		51.7
		2014		251.3		229.5		361		82.5		74.6
100314	Malburg Generating Station	2014		5.2		25.1		0.9		23.8		23.6
100329	Phillips 66 Company - Los Angeles Refinery - Wilmington Plant	2013		253.7		762.4		125.1		130.2		123.9
		2014		273.2		459.4		110.5		140.5		117
100344	Southern California Edison (SCE) - Mountainview Generating Station	2011		41.4		105.2		11.7		91.3		91.1
		2012		57.5		131.5		16.3		126.9		126.6
		2013		48.2		109.6		13.6		106.3		106.1
		2014		54.7		123.8		15.5		131.5		126.9

GHGID	FACILITY NAME	YEAR	VOC (tons/year)		NOx (tons/year)		SOx (tons/year)		PM10 (tons/year)		PM2.5 (tons/year)	
			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
100351	Phillips 66 Company - San Francisco Carbon Plant	2011		0.1		482.8		1139.7		35.1		15.8
		2012		0.1		482.8		1139.7		37.7		16.2
		2013		0.1		238.5		1241.9		28.3		28
		2014		0.1		288.5		1142.3		21.8		21.6
100387	Riverside Public Utilities - Clearwater Facility	2014		0.2		0.8		0		0.5		0.5
100913	Phillips 66 Company - Los Angeles Refinery - Carson Plant	2013		115.6		335.6		240.7		63.3		61.6
		2014		89.6		368.5		330.4		67		61.3
101180	Chevron Energy Solutions 93272	2008		0.3		0.8		0.4		1.6		1.6
		2009		0.2		0.4		0.2		1.1		1.1
101246	Tesoro Los Angeles Refinery - Carson	2013		560.3		698.2		508.7		276.7		264
		2014		750.4		1383.9		517.3		577.7		500
101314	National Cement Company - Lebec	2011		14.5		817.1		12.9		213.4		146.5
101358	Northrop Grumman - Palmdale	2014		20.4		14.1		0.5		1.5		1.4
101371	San Gabriel Cogeneration Facility	2014		2.5		12		0.3		1.5		1.2
101529	Northern California Power Agency - Geothermal Plant No. 1	2011		0.1		0		0		0.2		0.1
101530	Northern California Power Agency - Geothermal Plant No. 2	2008		1.2		0		0		0.7		0.4
101680	Sierra Pacific Industries (SPI) - Lincoln	2008		25		137		15.8		50.2		37.9
		2009		1.8		123.8		7.8		59.6		46.8
104341	Paramount Petroleum Corporation - Elk Grove Asphalt Terminal	2014		0.6		3.1		0.1		0.8		0.8
104359	Windset Farms	2012		1.1		7.3		0.1		1.5		1.5
		2013		1.2		7.8		0.1		1.6		1.6

GHGID	FACILITY NAME	YEAR	VOC (tons/year)		NOx (tons/year)		SOx (tons/year)		PM10 (tons/year)		PM2.5 (tons/year)	
			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
104364	Houweling Nurseries	2013		1.5		7.1		0.2		2.2		2.2
104450	Buena Vista Biomass Power LLC	2014		1.2		82.5		11.7		27.3		16.4
104455	DTE Stockton LLC	2014		37.1		93.6		1.9		5.2		4.8
104580	Hood Dairy	2012		1		1.5		0.1		0.8		0.8
		2013		1		1.7		0.1		1.2		1.2
		2014		1		1.8		0.1		1.2		1.2
104610	Seneca Foods Corporation*	2012		0.6		0.4		0.3		0.8		0.8
		2013		0.6		0.4		0.3		0.9		0.9
		2014		0.5		0.3		0.3		0.7		0.7
104611	Newport Fab LLC (DBA TowerJazz Semiconductor)*	2011		7.6		4.4		0.2		5.2		5.1
		2012		7.2		4.5		0.2		4		2.7
		2013		7.5		4.1		0.2		2.7		1.9
104614	Sierra Aluminum Company*	2011		2.4		7.6		0.1		2.1		2
		2012		2.6		8		0.1		2.1		1.9
		2013		2.4		8.8		0.1		2.3		2
		2014		1.2		8.5		0.1		2.1		1.7
104615	Sharp Grossmont Hospital*	2011		0.3		38.6		0.1		1		1
		2012		0.3		37.1		0.1		1		1
		2013		0.3		37.1		0.1		1		1
		2014		0.4		17.7		0.1		0.8		0.8
104616	Pacific Clay Products*	2011		0.7		10.7		0		6.4		2.4
		2012		0.8		9.1		0.1		10.9		3.3
		2013		0.8		9.2		0.1		11.6		2.5
		2014		0.9		10.7		0.1		5.9		2.9

GHGID	FACILITY NAME	YEAR	VOC (tons/year)		NOx (tons/year)		SOx (tons/year)		PM10 (tons/year)		PM2.5 (tons/year)	
			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
104626	Santa Clara Valley Medical Center*	2011		0.4		15.3		0.1		0.4		0.4
		2012		0.4		14.2		0.1		0.4		0.4
		2013		0.4		15.5		0.1		0.4		0.4
		2014		0.5		17.1		0.1		0.4		0.4
104629	Mission Bell Winery*	2011		42.7		1.8		0.3		1.1		1
		2012		35.3		1.9		0.4		1.1		1
		2013		35.5		2.3		0.4		1.2		1.1
		2014		34.5		2		0.4		1.1		1
104632	Sacramento Rendering Company*	2014		0.6		2.5		0.1		0.8		0.8
104633	Matchmaster Dyeing & Finishing*	2011		6.1		6.3		0.1		1.2		1.2
		2012		3.3		5.5		0.1		1.2		1.2
		2013		6.2		6		0.1		0.6		0.6
		2014		5.4		5.5		0.1		1.3		1.3
104638	Western Milling Goshen CA*	2012		0.3		0.9		0.2		3		0.4
		2013		0.3		0.9		0.2		3		0.4
		2014		0		0		0		1.1		0.1
104643	Ventura Coastal*	2014		1.7		1.6		1.2		3.6		3.6
104658	Mission Foods Corporation*	2011		1.9		8.2		0.1		1.5		1.1
		2012		1.7		8.1		0.1		1.5		1.1
		2013		20.2		8		0.1		1.4		1
		2014		22.9		3.6		0		0.5		0.5

*These facilities were newly identified by CARB as required to report under MRR

Table 3. Facilities for which incorrect emissions were reported in version 1.0

GHGID	FACILITY NAME	YEAR	VOC (tons/year)		NOx (tons/year)		SOx (tons/year)		PM10 (tons/year)		PM2.5 (tons/year)	
			V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1	V. 1.0	V. 1.1
100160	Byron Power Partners LP ¹	2008	9.1		15.4		0		0.8		0.8	
		2009	10.4		17.9		0.1		0.9		0.9	
100356	Calpine - Gilroy Energy Center LLC King City Peaker ²	2008	1.8		61.1		0.3		3.7		3.1	
		2009	1.4		78.5		0.4		3.8		3.4	
		2010	1		72		0.4		3.6		3.1	
100387	Riverside Public Utilities - Clearwater Facility ³	2012	0.2		2		0.4		0.8		0.8	
101354	Covanta - Pacific Recovery Corporation - Oxnard Facility ⁴	2010	4.6		21.2		1.3		2.2		2.1	
101729	ConAgra Foods - Helm Facility ⁵	2008	0		0		0		0.1		0.1	
		2009	0		0		0		0.1		0	
104079	El Cajon Energy Center LLC ⁶	2011	0.2		1.8		0.1		3		3	
5003	Long Beach Gas & Oil Dept (LBGO) ⁷	2011										
5026	Orchard Petroluem South Belridge ⁸	2011										
104025	Pacific Gas and Electric Company (PG&E) - Gas Distribution System Fugitive Emissions (San Francisco CA) ⁹	2011										
		2012										
		2013										
		2014										
104115	San Diego Gas and Electric (SDG&E) - Natural Gas Distribution Sub W ¹⁰	2011	1		62.3		6.7		22.2		73.5	
		2012	0.7		45		4.7		15.5		15.3	
		2013	0.6		71.3		7.9		10.8		86.8	
		2014	0.1		52		5.5		8.4		8.4	

¹Byron Power Partners LP - The local air district has not reported emissions for this facility as a separate entity.

²Calpine - Gilroy Energy Center LLC King City Peaker - The local air district has not reported emissions for this facility as a separate entity.

³Riverside Public Utilities - Clearwater Facility - This facility was initially matched to the incorrect CEIDARS facility, but the crosswalk (and emissions) have been corrected. The facility did not report emissions in 2012.

⁴Covanta - Pacific Recovery Corporation - Oxnard Facility closed in 2009. Emissions were incorrectly carried forward to 2010.

⁵ConAgra Foods - Helm Facility - This facility was initially matched to the incorrect CEIDARS facility, but the crosswalk (and emissions) have been corrected. The facility did not report emissions in 2008 or 2009.

⁶El Cajon Energy Center LLC - This facility was initially matched to the incorrect CEIDARS facility, but the crosswalk (and emissions) have been corrected. The facility did not report emissions in 2011.

⁷Long Beach Gas & Oil Dept (LBGO) - This is a fuel supplier, and does not represent an actual facility.

⁸Orchard Petroleum South Belridge - This is a fuel supplier, and does not represent an actual facility.

⁹Pacific Gas and Electric Company (PG&E) - Gas Distribution System Fugitive Emissions (San Francisco CA) - This facility is reporting under subpart W petroleum and natural gas fugitive emissions. This facility does not represent any actual facility; it is used as a placeholder for all fugitive emissions statewide.

¹⁰San Diego Gas and Electric (SGD&E) - Natural Gas Distribution Sub W - This facility is reporting under subpart W petroleum and natural gas fugitive emissions. This facility does not represent any actual facility; it is used as a placeholder for all fugitive emissions statewide.